

## 1 ABSTRACT

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3 The purpose of the invention concerns a family of  
4 pseudodipeptides which are coupling products between  
5 tryptamine, an indole-primary amine, and a selection of  
6 alpha-amino acids, the said pseudodipeptides having the  
7 following general formula (I) :

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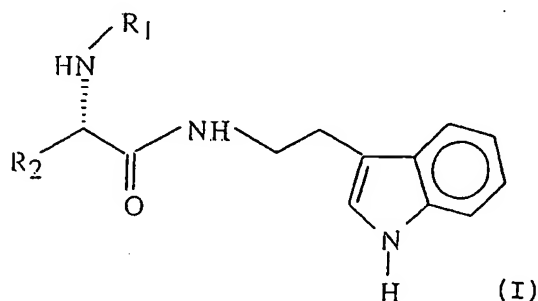
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16 in which :

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18 - R<sub>1</sub> represents a hydrogen atom , an acyl or  
19 acyloxy radical,

20 - R<sub>2</sub> represents the side chain of an alpha-amino  
21 acid chosen among L-glutamic acid, L-arginine, L-  
22 cysteine, L-methionine, L-histidine, L-  
23 tryptophan, L-tyrosine.

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25 The present invention also concerns the process for the  
26 preparation of said products as well as their  
27 applications in neurocosmetic compositions or as active  
28 substances on the cutaneous nervous system.